Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 07 Apr 2023 until 23:59 on Saturday 08 Apr 2023

Forecast Issued on Thursday 06 Apr 2023 at 15:49

Confidence: High in general, though low to moderate for the details of overnight cloud into Saturday.

Headline for Friday 07 Apr 2023: Fine and bright.

Mountain weather hazards on Friday 07 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Sunny	Sunny intervals	Sunny intervals	Clear night	Clear night
Precipitation probability							
00%	00%	00%	00%	<05%	<05%	00%	00%

Forecast for Friday 07 Apr 2023

Weather: A cold, clear start with a touch of frost possible within the valleys. Any isolated valley mist patches quickly clearing to leave a dry and fine day with long spells of sunshine and fair weather cloud.

Chance of cloud-free hill tops above 600m: 95%. The small chance of some isolated patchy cloud on the windward slopes to start, but the hill tops likely clear and this cloud clearing quickly to give fine views through the day.

Low cloud and visibility: Some early mist possible in the valley and isolated patches of cloud around 300m but these clearing quickly with good to very good visibility at all levels and any cloud above summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 07 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/22 NW	8/12 W	7/9 W	5/8 NW	6/10 NW	5/8 N	5/8 NW	7/11 E	9/13 E
300	8/12 W	7/9 SW	4/6 S	4/7 W	6/9 NW	6/9 NW	4/7 NW	4/8 E	5/12 E
Valley	3/11 NW	2/5 SW	2/4 SE	2/5 W	5/9 NW	5/9 NW	3/7 NW	6/12 NE	7/13 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-1	2/-2	2/-2	3/1	6/4	7/6	6/5	4/1	4/0
300	4/1	3/1	2/0	5/4	8/7	10/9	9/8	6/5	4/2
Valley	4/2	2/0	1/-0	6/5	10/9	11/10	10/9	6/4	5/3
Freezing Level*	900m	800m	800m	800m	900m	1000m	1100m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong sunshine is likely with high UV levels despite the relatively cool temperatures at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 06 Apr 2023	11.8mm	12.8mm	12.8mm

Forecast for Saturday 08 Apr 2023

Weather: Clear for much of the night but cloud tending to spread into the range from the east overnight, this tending to lift and clear away into the morning to give another dry and bright day.

Maximum wind: South-easterly 10 mph gusting 15mph.

Chance of cloud-free hill tops above 600m: 30% to start, with the best chances in the west of the area, but improving through the morning to become 90% into the afternoon and evening.

Low cloud and visibility: Widespread cloud above around 200-300m spreading in from the east into the early hours giving some poor visibility at height but cloud tending to light and break quickly above summits by day with good visibilities at all levels by the afternoon.

Temperature: **Valleys:** Plus 2 Celsius becoming Plus 11 Celsius.
At 600m: Plus 2 Celsius becoming Plus 8 Celsius.
Freezing level: 1000m, rising by day.

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